

Agriculture and Food Research Initiative Request for Application	Program Code	Program Name	Maximum award size (total \$)	Recommended 50% match per award from Commodity Board (\$)	Max. award duration (years)
Education and Workforce Development - FY 2020	A7101	AFRI Predoctoral Fellowships	\$ 180,000	\$ 90,000	3
Education and Workforce Development - FY 2020	A7201	AFRI Postdoctoral Fellowships	\$ 165,000	\$ 82,500	2
Education and Workforce Development - FY 2020	A7401	Research and Extension Experiences for Undergraduates	\$ 500,000	\$ 250,000	5
Education and Workforce Development - FY 2020	A7501	Professional Development for Agricultural Literacy	\$ 300,000	\$ 150,000	4
Education and Workforce Development - FY 2020	A7601	Agricultural Workforce Training Grants	\$ 500,000	\$ 250,000	5
Foundational and Applied Science Program - FY 2021	A1102	Foundational Knowledge of Agricultural Production Systems	\$ 650,000	\$ 325,000	5
Foundational and Applied Science Program - FY 2021	A1103	Foundational Knowledge of Plant Products	\$ 650,000	\$ 325,000	5
Foundational and Applied Science Program - FY 2021	A1112	Pests and Beneficial Species in Agricultural Production Systems	\$ 750,000	\$ 375,000	5
Foundational and Applied Science Program - FY 2021	A1113	Pollinator Health: Research and Application	\$ 750,000	\$ 375,000	5
Foundational and Applied Science Program - FY 2021	A1141	Plant Breeding for Agricultural Production	\$ 650,000	\$ 325,000	4
Foundational and Applied Science Program - FY 2021	A1141	Plant Breeding for Agricultural Production – cultivar projects only	\$ 500,000	\$ 250,000	5
Foundational and Applied Science Program - FY 2021	A1152	Physiology of Agricultural Plants	\$ 650,000	\$ 325,000	5
Foundational and Applied Science Program - FY 2021	A1181	Tactical Sciences for Agricultural Biosecurity	\$ 650,000	\$ 325,000	5
Foundational and Applied Science Program - FY 2021	A1201	Animal Breeding and Functional Annotation of Genomes	\$ 650,000	\$ 325,000	5
Foundational and Applied Science Program - FY 2021	A1211	Animal Reproduction	\$ 650,000	\$ 325,000	5

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Foundational and Applied Science Program - FY 2021	A1221	Diseases of Agricultural Animals	\$ 650,000	\$ 325,000	5
Foundational and Applied Science Program - FY 2021	A1231	Animal Nutrition, Growth and Lactation	\$ 650,000	\$ 325,000	5
Foundational and Applied Science Program - FY 2021	A1251	Welfare and Well-being of Agricultural Animals	\$ 650,000	\$ 325,000	5
Foundational and Applied Science Program - FY 2021	A1261	Inter-Disciplinary Engagement in Animal Systems	\$ 1,000,000	\$ 500,000	5
Foundational and Applied Science Program - FY 2021	A1332	Food Safety and Defense	\$ 650,000	\$ 325,000	5
Foundational and Applied Science Program - FY 2021	A1343	Food and Human Health	\$ 650,000	\$ 325,000	5
Foundational and Applied Science Program - FY 2021	A1344	Diet, Nutrition and the Prevention of Chronic Diseases	\$ 1,000,000	\$ 500,000	5
Foundational and Applied Science Program - FY 2021	A1364	Novel Foods and Innovative Manufacturing Technologies	\$ 650,000	\$ 325,000	5
Foundational and Applied Science Program - FY 2021	A1366	Mitigating Antimicrobial Resistance Across the Food Chain	\$ 1,000,000	\$ 500,000	5
Foundational and Applied Science Program - FY 2021	A1401	Soil Health	\$ 750,000	\$ 375,000	5
Foundational and Applied Science Program - FY 2021	A1402	Agricultural Microbiomes	\$ 850,000	\$ 425,000	5
Foundational and Applied Science Program - FY 2021	A1411	Water Quantity and Quality	\$ 750,000	\$ 375,000	4
Foundational and Applied Science Program - FY 2021	A1414	Sustainable Biomass Feedstock Systems	\$ 1,000,000	\$ 500,000	4
Foundational and Applied Science Program - FY 2021	A1451	Sustainable Agroecosystems: Health, Functions, Processes and Management	\$ 650,000	\$ 325,000	4
Foundational and Applied Science Program - FY 2021	A1511	Nanotechnology for Agricultural and Food Systems	\$ 650,000	\$ 325,000	4

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Foundational and Applied Science Program - FY 2021	A1521	Engineering for Agricultural Production Systems	\$ 650,000	\$ 325,000	4
Foundational and Applied Science Program - FY 2021	A1531	Bioprocessing and Bioengineering	\$ 650,000	\$ 325,000	4
Foundational and Applied Science Program - FY 2021	A1541	Food and Agriculture Cyberinformatics Tools	\$ 650,000	\$ 325,000	5
Foundational and Applied Science Program - FY 2021	A1601	Small and Medium-Sized Farms	\$ 650,000	\$ 325,000	5
Foundational and Applied Science Program - FY 2021	A1641	Economics, Markets and Trade	\$ 650,000	\$ 325,000	5
Foundational and Applied Science Program - FY 2021	A1642	Social Implications of Food and Agricultural Technologies	\$ 650,000	\$ 325,000	5
Foundational and Applied Science Program - FY 2021	A1661	Rural Economic Development	\$ 650,000	\$ 325,000	5
Foundational and Applied Science Program - FY 2021	A1701	Critical Agricultural Research and Extension: CARE	\$ 300,000	\$ 150,000	3

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